

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: 10/501,047
Applicants: Silvain Buche et al.
Filed: Herewith
Title: ELECTROCATALYST INK
TC/A.U.:
Examiner:

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of each of the listed "Foreign Patent Documents" and "Non-Patent Literature Documents" is also enclosed. A copy of one U.S. patent document, namely, U.S. Patent No. 5,438,082 is also enclosed, as explained below.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

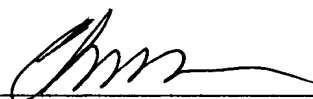
European Patent No. 0 574 791 A2 is not in the English language, but an English-language equivalent of this patent, namely, U.S. Patent No. 5,438,082, is enclosed.

Japanese Patent No. 59-146163 is not in the English language, but an English abstract thereof is attached to the copy of the reference submitted herewith. Also, this reference was cited by a foreign patent office in a counterpart foreign application. A copy of this English language search report, indicating the degree of relevance determined by the foreign patent office, is submitted herewith. MPEP Section 609A(3), second paragraph.

Japanese Patent No. 7-296818 is not in the English language, but an English abstract thereof is attached to the copy of the reference submitted herewith. Also, this reference was cited by a foreign patent office in a counterpart foreign application. A copy of this English language search report, indicating the degree of relevance determined by the foreign patent office, is submitted herewith. MPEP Section 609A(3), second paragraph.

This Information Disclosure Statement is being filed along with the response to the Notification of Missing Requirements in this application. Therefore, no fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,



Christopher R. Lewis, Reg. No. 36,201
Attorney for Applicants

CRL/lrb

Enclosures: PTO Form 1449
Copy of nineteen (19) references
Copy of British Search Report

Dated: March 15, 2005

P.O. Box 980
Valley Forge, PA 19482-0980
(610) 407-0700

The Commissioner for Patents is hereby
authorized to charge payment to Deposit
Account No. 18-0350 of any fees associated
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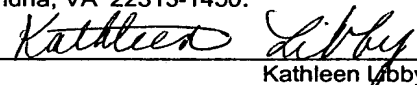
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I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Kathleen Libby

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1 of 3**Complete if Known**

Application Number	10/501,047
Filing Date	Herewith
First Named Inventor	Silvain Buche
Art Unit	
Examiner Name	
Attorney Docket No.	JMYT-329US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US-3,282,875	11-01-1966	Connolly et al.	
	2	US-3,671,317	06-20-1972	Rifkin	
	3	US-4,229,490	10-21-1980	Frank et al.	
	4	US-4,329,435	05-11-1982	Kimoto et al.	
	5	US-4,330,654	05-18-1982	Ezzell et al.	
	6	US-4,358,545	11-09-1982	Ezzell et al.	
	7	US-4,417,969	11-29-1983	Ezzell et al.	
	8	US-4,433,082	02-21-1984	Grot	
	9	US-4,610,762	09-09-1986	Birdwell	
	10	US-4,940,525	07-10-1990	Ezzell et al.	
	11	US-5,094,995	03-10-1992	Butt et al.	
	12	US-5,438,082	08-01-1995	Helmer-Metzmann et al.	
	13	US-5,468,574	11-21-1995	Ehrenberg et al.	
	14	US-5,595,676	01-21-1997	Barnes et al.	
	15	US-5,599,639	02-04-1997	Sansone et al.	
	16	US-6,156,449	12-05-2000	Zuber et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	17	EP-0 331 321-A2	09-06-1989	Imperial Chemical Industries PLC		<input type="checkbox"/>
	18	EP-0 345 964-A1	12-13-1989	Imperial Chemical Industries PLC		<input type="checkbox"/>
	19	EP-0 574 791-A2	12-22-1993	Hoechst Aktiengesellschaft		<input type="checkbox"/>
	20	EP-0 731 520-B1	09-11-1996	Johnson Matthey PLC		<input type="checkbox"/>
	21	EP-0 791 974-A1	08-27-1997	Johnson Matthey PLC		<input type="checkbox"/>
	22	EP-1 117 142-A1	07-18-2001	Matsushita Electronics Corp.		<input type="checkbox"/>

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 2 of 3

Complete if Known

Application Number	10/501,047
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Filing Date	Herewith
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First Named Inventor	Silvain Buche
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Art Unit

Examiner Name

Attorney Docket No.	JMYT-329US
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FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

Date Considered	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 3 of 3

Complete if Known

Application Number	10/501,047
Filing Date	Herewith
First Named Inventor	Silvain Buche
Art Unit	
Examiner Name	
Attorney Docket No.	JMYT-329US

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	33	T. J. Fabish et al., "Surface Chemistry and the Carbon Black Work Function," <i>Carbon</i> , Vol. 22, No. 1, pp. 19-38.	<input type="checkbox"/>
	34	A. K. Shukla et al., "A liquid-free solid polymer electrolyte direct methanol fuel cell operating at near-ambient conditions," <i>Journal of Power Sources</i> , Vol. 76, 1998, pp. 54-59.	<input type="checkbox"/>
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Examiner Signature		Date Considered	
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